

**6/11/07 Preliminary Information in Response to 6/6/07 Letter Requesting  
Information re:  
Department of Defense Sites with Private or Municipal Well Water Contamination  
(Specifically, Tetrachloroethylene and Trichloroethylene Contamination)**

<b>Site Name</b>	<b>Contaminant</b>	<b>Maximum Level</b>	<b>Private Well/ Municipal Wells</b>	<b>Estimated Exposed Population</b>	<b>Estimated Exposed Population</b>
American Lake Gardens (U.S. Air Force)	PCE <sup>1</sup> TCE <sup>2</sup>	Not Reported 41 ppb <sup>3</sup> 4.5 ppb	Not Reported Private Wells Municipal Wells	3,000 – 10,000	No time-lines provided. Restoration began in 1985, and public water had been provided by that time.
Camp Lejeune (Marine Corps)	PCE TCE	215 ppb 1,400 ppb	Municipal Wells Municipal Wells	Up to 1,000,000 (about 85,000 at Tarawa Terrace)	29 years
Defense General Supply Center (Defense Logistics)	PCE TCE	4.9 ppb 5.2 ppb	Private Wells Private Wells	84	No estimate. Center opened in 1942. Contamination found and alternate supply offered in 1987.
Ellsworth Air Force Base	PCE TCE	Not Reported 24.5 ppb	Not Reported Private Wells	6	10 years maximum
Fort Lewis (U.S. Army)	PCE TCE	6 ppb 41 ppb	Private Wells Private Wells	20	No estimate. Post opened in 1917. Contamination was found in 1985, and alternative water was made available in 1985.
Fort Riley (U.S. Army)	PCE TCE	330 ppb 96 ppb	Private Wells Private Wells	2,550	No estimate. Wells on-line in 1928, 1943, and 1958 with oldest ones replaced in 1993 and signs posted at off-site well in 1993. Contamination found in 1981.
Griffiss Air Force Base	PCE TCE	6.9 ppb Not Reported	Private Wells Not Reported	95	No estimate. Base operated from 1942—1995. Contamination (low levels) was found in 1982 and continued until 1989 (7 years known exposure, years prior to 1982 unknown).

**Table continued from page 1**

<b>Site Name</b>	<b>Contaminant</b>	<b>Maximum Level</b>	<b>Private Well/ Municipal Wells</b>	<b>Estimated Exposed Population</b>	<b>Estimated Exposed Population</b>
McClellan Air Force Base	PCE	4 ppb	Private Wells	16,540	No estimate. Base opened in 1938. Contamination found in 1979. Most homes put on public water by 1986.
	TCE	55 ppb	Private Wells		
Rocky Mountain Arsenal (U.S. Army)	PCE	14.7 ppb	Private Wells	30,207	No estimate, but likely less than 5 years. Sampling began in 1985 and contamination was first found in 1990. Bottled water was offered in 1990.
	TCE	Not Reported	Not Reported		

<sup>1</sup>PCE = Tetrachloroethylene

<sup>2</sup>TCE = Trichloroethylene

<sup>3</sup>ppb = parts per billion

This Table Shows Significant Inaccuracies in ATSDR's  
HazDat Database, Sample of 5 Data Points

Site	HazDat Database	ATSDR Response
Nebraska Ordnance Plant	630,000 ppb TCE in municipal/public groundwater contamination	<b>HazDat is wrong.</b> TCE contamination was far less - 700ppb
Mather Air Force Base	800 ppb TCE in municipal/public groundwater contamination	<b>HazDat is wrong.</b> TCE contamination was not in municipal/public groundwater, it was in a monitoring well.
Air Force Plant #4	11,000 ppb TCE in municipal/public groundwater contamination	<b>HazDat is wrong.</b> TCE contamination was not in municipal/public groundwater, it was a monitoring well.
McClelland Air Force Base	2,000 ppb TCE in municipal/public groundwater	<b>HazDat data correct.</b>
Wurtsmith Air Force Base	1,100 ppb TCE in tap water	<b>HazDat data correct.</b>

**Municipal/Public Tap Water Contaminated with TCE at Concentrations  
Above EPA MCL 5 ppb**

DOORMA DOOR CONTROLS INC HSCA PAD002295376 **17 parts per billion (ppb)**  
FORMER HULETT LAGOON MOSFN0703530 **23.7 parts per billion (ppb)**  
GEAUGA INDUSTRIES OHD061722575 **30 parts per billion (ppb)**  
GRAFTON WISCONSIN RESIDENTIAL WELL WI0001906981 **200parts per billion (ppb)**  
BOHN HEAT A-C&R DV ILD065243172 **730 parts per billion (ppb)**  
HAWTHORNE MUNICIPAL WELLS NJD980771679 **48.6 parts per billion (ppb)**  
ICELAND COIN LAUNDRY AREA GW PLUME NJ0001360882 **41.7 parts per billion (ppb)**  
LEE CHEMICAL MOD980853519 **36 parts per billion (ppb)**  
NEWTON COUNTY WELLS MOD985798339 **190 parts per billion (ppb)**  
SOL LYNN/INDUSTRIAL TRANSFORMERS TXD980873327 **953,000 (ppb)**  
VEGA ALTA PUBLIC SUPPLY WELLS PRD980763775 **42 parts per billion (ppb)**

**Groundwater Used as Municipal/Public Drinking Water Contaminated with  
TCE at Concentrations Above EPA MCL 5ppb**

ARIVEC CHEMICALS INC GAD990740714 **39000 parts per billion (ppb)**  
AVCO LYCOMING (WILLIAMSPORT) PAD003053709 **250 parts per billion (ppb)**  
BALLY GROUND WATER PAD061105128 **1127 parts per billion (ppb)**  
BREWSTER WELL FIELD NYD980652275 **77parts per billion (ppb)**  
CARRIER AIR CONDITIONING CO. TND044062222 **8.8 parts per billion (ppb)**  
CHARLEVOIX MUNICIPAL WELL MID980794390 **100 parts per billion (ppb)**  
CLARE WATER SUPPLY MID980002273 **1400 parts per billion (ppb)**  
CROSSLEY FARM PAD981740061 **20000 parts per billion (ppb)**  
CSX/LEWISBURG DERAILMENT TND987775566 **45300 parts per billion (ppb)**  
DELAN VAN MUNICIPAL WELL #4 WID980820062 **1300 parts per billion (ppb)**  
FARIBAULT MUNI WELL FIELD MND982074569 **180 parts per billion (ppb)**  
FRIDLEY COMMONS PARK WELL MND985701309 **79 parts per billion (ppb)**  
FULTON AVENUE NY0000110247 **1000 parts per billion (ppb)**  
GEIGY CHEMICAL CORP. (ABERDEEN) NCD981927502 **330 parts per billion (ppb)**  
GROVELAND WELLS MAD980732317 **118.8 parts per billion (ppb)**  
HAWTHORNE MUNICIPAL WELLS NJD980771679 **572 parts per billion (ppb)**  
HOOKER CHEMICAL & PLASTICS CORP NYD002920312 **87 parts per billion (ppb)**  
INDIAN BEND WASH AREA AZD980695969 **1400 parts per billion (ppb)**  
INDUSTRIAL LATEX CORP. NJD981178411 **89 parts per billion (ppb)**  
INDUSTRIAL WASTE PROCESSING CAD980736284 **390 parts per billion (ppb)**  
JACKSON STEEL NYD001344456 **250 parts per billion (ppb)**  
KELLOGG-DEERING WELL FIELD CTD980670814 **600 parts per billion (ppb)**  
KENTUCKY AVENUE WELL FIELD NYD980650667 **130 parts per billion (ppb)**  
LASALLE ELECTRIC UTILITIES ILD980794333 **5 parts per billion (ppb)**  
LIBERTY INDUSTRIAL FINISHING NYD000337295 **16 parts per billion (ppb)**  
LODI MUNICIPAL WELL NJD980769301 **324.0 parts per billion (ppb)**  
MAYWOOD CHEMICAL CO. NJD980529762 **324.0 parts per billion (ppb)**  
METALTEC/AEROSYSTEMS NJD002517472 **5140 parts per billion (ppb)**  
MOSES LAKE WELLFIELD WAD988466355 **32.2 parts per billion (ppb)**  
NORTH PENN - AREA 7 PAD002498632 **190 parts per billion (ppb)**  
NORTH RAILROAD AVENUE PLUME NMD986670156 **8.3 parts per billion (ppb)**  
OAK GROVE VILLAGE WELL MOD981717036 **70.8 parts per billion (ppb)**

OGALLALA GROUND WATER NED986369247 **220 parts per billion (ppb)**  
OLD ROOSEVELT FIELD NYSFN0204234 **170 parts per billion (ppb)**  
PALERMO WELL FIELD WA0000026534 **15.0 parts per billion (ppb)**  
PASLEY SOLVENTS & CHEMICALS, INC NYD991292004 **145 parts per billion (ppb)**  
PETOSKEY MUNICIPAL WELL FIELD MID006013049 **1000 parts per billion (ppb)**  
PINE STREET DUMP MND985739051 **48 parts per billion (ppb)**  
POTTER CO. MSD056029648 **848 parts per billion (ppb)**  
RAILROAD AVENUE GROUNDWATER IA0001610963 **6.8 parts per billion (ppb)**  
REICH FARMS NJD980529713 **33 parts per billion (ppb)**  
ROCKY HILL MUNICIPAL WELL NJD980654156 **650 parts per billion (ppb)**  
ROCKAWAY TOWNSHIP WELLS NJD980654214 **362 parts per billion (ppb)**  
RODALE MANUFACTURING CO. PAD981033285 **150 parts per billion (ppb)**  
SAEGERTOWN INDUSTRIAL AREA PAD980692487 **310 parts per billion (ppb)**  
SAN GABRIEL VALLEY (AREA 1,2,3,4) CAD980818512 **1800parts per billion (ppb)**  
SAN FERNANDO VALLEY (AREA 1) CAD980894893 **18000 parts per billion (ppb)**  
SAVAGE MUNICIPAL WATER SUPPLY NHD980671002 **244 parts per billion (ppb)**  
SOLID STATE CIRCUITS, INC. MOD980854111 **290 parts per billion (ppb)**  
SOUTH MUNICIPAL WATER SUPPLY NHD980671069 **25 parts per billion (ppb)**  
SPACE ORDNANCE SYSTEMS SAND CYN **511 parts per billion**  
STURGIS MUNICIPAL WELLS MID980703011 **152 parts per billion (ppb)**  
TOWN GARAGE/RADIO BEACON NHD981063860 **148.4 parts per billion (ppb)**  
TUCSON INTERNATIONAL AIRPORT AZD980737530 **2200 parts per billion (ppb)**  
TUTU WELLFIELD VID982272569 **711 parts per billion (ppb)**  
VALLEY PARK TCE MOD980968341 **600 parts per billion (ppb)**  
VEGA ALTA PUBLIC SUPPLY WELLS PRD980763775 **574 parts per billion (ppb)**  
VESTAL WATER SUPPLY WELL 4-2 NYD980652267 **974 parts per billion (ppb)**  
WAITE PARK WELLS MND981002249 **5100 parts per billion (ppb)**  
WELLS G&H MAD980732168 **267.40000 parts per billion (ppb)**  
WHITEHALL MUNICIPAL WELLS MID980701254 **68 parts per billion (ppb)**  
ZANESVILLE WELL FIELD OHD980794598 **330 parts per billion (ppb)**

Source of information: ATSDR HazDat Database